

Abstract

Surface-coated hard material with a hardness ($HV_{0.2}$) ≥ 10 Gpa, the surface of which has a polysiloxane coating. Method for
5 producing this, in which a hard grain is mixed with a polysiloxane, a polysiloxane emulsion, or a diluted polysiloxane emulsion. Use of a hard material of this type as a wear-reducing agent in lacquer coatings.